ABSTRACT OF THE DISCLOSURE

A server provides Web responses that can include content from data tables in a database. The server maintains a cache (e.g., in system memory) that can store content (including content from data tables) so as to increase the efficiency of subsequently providing the same content to satisfy client Web requests. The server monitors data tables for changes and, when a change in a particular data table occurs, invalidates cached entries that depend on a particular data table. Further, in response to a client Web request for a Web response, the server assigns a database cache dependency to at least a portion of a constructed Web response (e.g., to content retrieved from a data table) based on commands executed during construction of the Web response. The at least a portion of the constructed Web response is subsequently cached in a cache location at the server.

W:\13768\402\MBD0000000161V001.doc

Docket No. 13768.402